

## EAST Search History

| Ref # | Hits    | Search Query                                  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|--|------------------|---------|------------------|
| L23   | 4383    | (356/450,451,477,481,484,491,517, 73.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2007/10/22 18:04 |
| L24   | 20774   | dut or "d.u.t."                               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/10/22 18:04 |
| L25   | 201     | L23 and L24                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/10/22 18:04 |
| L26   | 1380837 | interfer\$7                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/10/22 18:04 |
| L27   | 109     | L25 and L26                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/10/22 18:04 |
| L28   | 201     | L23 and L24                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/10/22 18:05 |
| L29   | 4383    | (356/450,451,477,481,484,491,517, 73.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2007/10/22 18:05 |
| L30   | 14787   | device under test                             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2007/10/22 18:05 |

## EAST Search History

|     |         |  |   |     |     |                  |
|-----|---------|--|---|-----|-----|------------------|
| L31 | 251     | L29 and L30                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/10/22 18:05 |
| L32 | 4383    | (356/450,451,477,481,484,491,517,<br>73.1).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/10/22 18:05 |
| L33 | 3       | turned adj on                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/10/22 18:05 |
| L34 | 4494463 | load\$3 or activat\$5                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/10/22 18:05 |
| L35 | 4494464 | L33 or L34                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/10/22 18:05 |
| L36 | 673     | L32 and L35                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/10/22 18:05 |
| L37 | 20774   | dut or "d.u.t."                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/10/22 18:06 |
| L38 | 27841   | L30 or L37                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/10/22 18:06 |

## EAST Search History

|     |         |   |   |     |     |                  |
|-----|---------|---|---|-----|-----|------------------|
| L39 | 256     | L32 and L38   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/10/22 18:06 |
| L40 | 4383    | (356/450,451,477,481,484,491,517,<br>73.1).CCLS.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/10/22 18:28 |
| L41 | 0       | (load signal optical interval<br>reference superimposed).clm. | US-PGPUB;<br>USPAT  | AND | ON  | 2007/10/22 18:29 |
| S1  | 2       | ("20050286057").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/03/27 20:52 |
| S2  | 3740    | (356/450,451,477,481,484,491,517,<br>73.1).CCLS.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/03/27 20:53 |
| S3  | 4203    | (356/450,451,477,481,484,491,517,<br>73.1).CCLS.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/05/03 12:06 |
| S4  | 20010   | dut or "d.u.t."   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/03/27 20:55 |
| S5  | 189     | S3 and S4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/10/22 18:05 |
| S6  | 1322404 | interfer\$7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/03/27 20:56 |

## EAST Search History

|     |       |  |   |     |     |                  |
|-----|-------|--|---|-----|-----|------------------|
| S7  | 103   | S5 and S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/10/22 18:04 |
| S8  | 4234  | (356/450,451,477,481,484,491,517,<br>73.1).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/05/03 12:07 |
| S9  | 13882 | device under test                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/05/03 12:18 |
| S10 | 239   | S8 and S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/10/22 18:05 |
| S11 | 4234  | (356/450,451,477,481,484,491,517,<br>73.1).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/10/22 18:14 |
| S12 | 20131 | dut or "d.u.t."                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/05/03 13:02 |
| S13 | 191   | S11 and S12                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/05/03 15:09 |
| S14 | 52    | S10 not S13                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/05/03 12:19 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S15 | 3       | turned adj on   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 12:19 |
| S16 | 4350233 | load\$3 or activat\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 13:01 |
| S17 | 4350234 | S15 or S16  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 13:01 |
| S18 | 632     | S11 and S17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/22 18:05 |
| S19 | 4206    | (dut or "d.u.t." or (device adj under)) with (switched or load\$3 or activat\$4)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 13:23 |
| S20 | 10      | S11 and S19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 13:19 |
| S21 | 2363    | (dut or "d.u.t." or (device adj under adj test)) with (switched or load\$3 or activat\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 15:11 |
| S22 | 296421  | reference near2 (beam or signal or light)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 13:42 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S23 | 291     | S21 and S22   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 13:42 |
| S24 | 5311    | (dut or "d.u.t." or (device adj under adj test)) with ((tune\$4 or tuning) or activ\$8 or control\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 15:22 |
| S25 | 88      | S11 and S24   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:15 |
| S26 | 1174691 | LO  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:15 |
| S27 | 26822   | S9 or S12   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:15 |
| S28 | 243     | S11 and S27   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/22 18:06 |
| S29 | 38      | S26 and S28   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:17 |
| S30 | 0       | local adj oscillator  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:17 |

## EAST Search History

|     |         |                       |   |    |    |                  |
|-----|---------|-----------------------|---|----|----|------------------|
| S31 | 44808   | local adj oscillator  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:18 |
| S32 | 34      | S31 and S28           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:36 |
| S33 | 4848620 | strain or temperature | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:47 |
| S34 | 1152    | 356/477-482.ccis.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:37 |
| S35 | 700     | S33 and S34           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:37 |
| S36 | 1765015 | sensor                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:37 |
| S37 | 533     | S35 and S36           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:38 |
| S38 | 2224064 | load                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:38 |

## EAST Search History

|     |       |                   |   |    |    |                  |
|-----|-------|-------------------|---|----|----|------------------|
| S39 | 65    | S37 and S38       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:38 |
| S40 | 8478  | 356/450-521.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:47 |
| S41 | 3321  | S33 and S40       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:50 |
| S42 | 31073 | sample with load  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:48 |
| S43 | 6     | S41 and S42       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:49 |
| S44 | 1793  | S36 and S41       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:50 |
| S45 | 2399  | reference adj arm | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/03 16:50 |
| S46 | 132   | S44 and S45       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/04 13:42 |

## EAST Search History

|     |   |                   |   |    |     |                  |
|-----|---|-------------------|---|----|-----|------------------|
| S47 | 2 | ("6212003").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/04 13:42 |
| S48 | 1 | 1999-518679.NRAN. | DERWENT   | OR | ON  | 2007/05/04 13:45 |